

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION

DR-686

Effective Date: June 1, 2014

Reevaluation Date: **July 2015**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Vinyl Gliding Patio Doors, Non-impact Resistant, manufactured by

Nan Ya Plastics Corporation USA
8989 North Loop East
Houston, Texas 77029
Telephone: (713) 674-7822

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Two Panel Sliding Patio Door R-PG50	R-PG50 72 x 80-SD	+50 / -50 psf
2	Two Panel Sliding Patio Door R-PG45	R-PG45 71 x 80-SD	+45 / -45 psf

Product Dimensions:

System	Overall Size	Active Pane Size	Fixed Panel Size
1	71.38" x 79.50"	35.75" x 76.63"	35.75" x 76.63"
2	71.38" x 79.50"	35.75" x 76.63"	35.75" x 76.63"

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Nan Ya Plastics USA
	Product Name	Gliding 2 Panel Patio PVC Sliding Patio Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Nan Ya Plastics USA
	Product Name	MasterPiece Gliding Patio Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Qualified Configurations: OX / XO.

Installation:

Design Drawings:

System 1: Drawing No. 08-01100, titled "Nan Ya 6068 DP50 Sliding Glass Door-Non-Impact," sheets 1 through 3 of 3, dated August 24, 2010, Rev. A dated July 22, 2013, signed and sealed by Luis R. Lomas., P.E on July 24, 2013. The stated drawings will be referred to as the approved drawings in this evaluation report.

System 2: Drawing No. 08-02196, titled "Nan Ya 6068 DP45 Gliding Patio Door-Non-Impact," sheets 1 through 3 of 3, dated August 1, 2013, signed and sealed by Luis R. Lomas., P.E on August 1, 2013. The stated drawings will be referred to as the approved drawings in this evaluation report.

Wall Framing Construction: The doors may be mounted to the following types of wall framing construction:

- Wood dimension lumber (minimum Spruce-Pine-Fir)

Installation:

- Refer to Sheet 1 of 3 of the approved drawings for the elevation, anchor layout, and notes.
- Refer to Sheet 2 of 3 of the approved drawings for installation details.
- The approved drawings indicate the minimum embedment depths for the fasteners.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.